

AMENDMENTS TO THE CLAIMS

Please cancel claim 10 without prejudice or disclaimer.

Please amend the remaining claims as indicated below.

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1.(Currently Amended) An abrasion-resistant jacket for a flexible cable with a cable core and a jacket made of an abrasion-resistant thermoplastic material surrounding the cable core, particularly for a drag chain cable or a robot cable, wherein the jacket ~~is made of~~comprises:

an inner extruded plastic layer (2)~~and an outer jacket layer (4), between the inner plastic layer (2) and the outer jacket layer (4);~~

a strength layer (3) comprising a plurality of monofilament elements covering said inner plastic layer with a visual coverage of 40% to 70%, said monofilament elements having a diameter of between 0.15 and 0.25 mm and being of a chemically and thermally stable material is provided with a visual coverage of 40 to 70%, made of at least one material selected from the group consisting of polyamide and polyethersulfone; and

an outer jacket layer (4) covering said strength layer, said~~the~~ outer jacket layer (4) ~~is being~~ applied by pressure extrusion; such that the spaces in the strength layer (3) are nearly filled by the material of the outer jacket layer, and the layer (3) adheres to the inner sheath layer (2).

2. (Currently Amended) An abrasion-resistant jacket as claimed in claim 1, wherein the layer (3) comprises a braid of said monofilaments.

3. (Currently Amended) An abrasion-resistant jacket as claimed in claim 1, wherein the layer (3) comprises at least one layer of said monofilaments stranded over the cable core (1).

4. (Currently Amended) An abrasion-resistant jacket as claimed in claim 1, wherein the layer (3) comprises monofilaments made of ~~polyamide, preferably polyamide 6.~~

5. (Original) An abrasion-resistant jacket as claimed in claim 1, wherein the layer (3) comprises monofilaments made of polyethersulfone.

6. (Currently Amended) An abrasion-resistant jacket as claimed in claim 1, for a cable with a metal braided shield surrounding said core, further comprising a separation layer of a non-woven material or a plastic foil (6) between the braided shield (5) and the strength layer (3).

7. (Original) An abrasion-resistant jacket as claimed in claim 6, wherein the non-woven material or the plastic foil (6) is coated with a powder that swells in the presence of moisture.

8. (Original) An abrasion-resistant jacket as claimed in claim 1, for a cable with a plurality of wires, wherein the wires are embedded in an inner sheath.

Amendment Under 37 C.F.R. § 1.111
USSN 10/800,674

9. (Currently Amended) An abrasion-resistant jacket as claimed claim 1, wherein ~~the~~the said visual coverage of ~~the layer (3)~~ is between 50% and 65%.

10. (Canceled)

11. (Currently Amended) An abrasion-resistant jacket as claimed in claim 1, wherein the jacket is made of at least one material selected from the group consisting of polyurethane, polyvinylchloride or a thermoplastic elastomer.

12. (Original) An abrasion-resistant jacket as claimed in claim 1, wherein the monofilaments contain a fireproofing agent.